FIG-FORTH

DEVELOPMENT LANGUAGE

INTERCEPTOR SOFTWARE

AMSTRAD 664 COMPATIBLE

TEL.

SUITABLE FOR THE

AMSTRAD

CPC-464

FIG-FORTH

FORTH is a fast efficient and very versatile computer language that is becoming increasingly popular with home computer users. It is a fully structured language which has good interaction with the user. Its ability to allow creation of new control and data structures permits it to be customised to the users individual requirements.

Interceptor Micros FORTH is an extended version of FIG-FORTH which contains over 340 key-words and has been designed to incorporate many of the facilities of the Amstrad CPC-464.

The features included in Interceptor Micro's FORTH not usually found on other implementations include:-

Full Screen Editor

Forth Based Assembler

Ram Based virtual memory system

Colour Text Graphics Commands

User Defined Characters

Full Sound Generation Support

Joystick Compatability

Real Time Clock

Extended Double Number Word set

Improved string facilities

SYSDUMP Command to allow customised versions of the language to be saved to cassette.



This package contains a 48 page manual.

TASK WHERE EDIT EDITOR PLAY SWAIT ENT ENV (TENV) (AENV) RELEASE SQ (SOUND-QUEUE) FREEZE CONTINUE RESET SFLUSH SHOLD RENDEZVOUS DURATION VOLUME NOISE PERIOD TONE-ENV AMP-ENV CHANNEL SOUND INPUT$ STRING 2-ARRAY 1-ARRAY BELL COPY GETKEY PRINTER (PRINTER) SCREEN TESTR TEST GPAPER GWINDOW GPEN DRAWR DRAW PLOTR PLOT MOVER MOVE ORIGIN CLG EXCHANGE STREAM TAG CHARACTER SYMBOL BORDER PAPER PEN INK MODE INVERSE TRANSPARENT WINDOW JOY1 JOY0 LOCATE ?TIME 0TIME WAIT DUMP CLS ENDCASE ENDOF OF CASE RANDOM NCASE SEED 2OVER 2SWAP 2DROP .S ROLL PICK OCTAL BINARY 2/ 2- 1- 2* <> <= >= NOT MYSELF SYSDUMP SYSWRITE GET PUT TLOAD TSAVE FORTH VLIST TRAID INDEX U. ? . D. .R D.R #S # SIGN #> <# SPACES WHILE ELSE IF REPEAT AGAIN END UNTIL +LOOP LOOP DO THEN ENDIF BEGIN BACK FORGET MESSAGE LIST --> LOAD FLUSH R/W BLOCK BUFFER .LINE (LINE) EMPTY-BUFFERS UPDATE +BUF #BUF PREV USE ' M/MOD */ */MOD MOD / /MOD * M/ M* MAX DABS ABS D+- +- S->D U< MIN COLD WARM ABORT (DEFINITIONS VOCABULARY IMMEDIATE INTERPRET ?STACK DLITERAL LITERAL [COMPILE] CREATE ID. ERROR (ABORT) -FIND NUMBER (NUMBER) WORD PAD HOLD BLANKS ERASE FILL QUERY EXPECT ." (.") -TRAILING TYPE COUNT DOES> <BUILDS ;CODE (;CODE) DECIMAL HEX SMUDGE] [COMPILE ?LOADING ?CSP ?PAIRS ?EXEC ?COMP ?ERROR !CSP PFA NFA CFA LFA LATEST TRAVERSE -DUP SPACE ROT > < = C, , ALLOT HERE 2+ 1+ HLD R# CSP FLD DPL BASE STATE CURRENT CONTEXT OFFSET SCR OUT IN BLK VOC-LINK DP FENCE WARNING WIDTH TIB R0 S0 +ORIGIN QUIT B/SCR B/BUF LIMIT FIRST C/L BL 3 2 1 0 USER VARIABLE CONSTANT ; : DMINUS MINUS- D+ + 0< 0= R R> >R LEAVE ;S RP! RP@ SP! SP@ XOR OR AND U/ U* CMOVE ENCLOSE (FIND) DIGIT K J I (DO) (+LOOP) (LOOP) BRANCH 0BRANCH CR ?TERMINAL KEY (KEY) EMIT TOGGLE ! C! C@ @ +! 2DUP DUP SWAP DROP OVER LIT EXECUTE

WRITTEN BY BRIAN PERRY

PRODUCED BY RICHARD PAUL JONES

INTERCEPTOR MICRO'S Lindon House, The Green, Tadley, Hants.


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